Future Flight Design			
2005 Science			
Academic Standards			
Nevada Science			
Grades 3-5			
Activity/Lesson	**State**	**Standards**	
Air Transportation Problem	NV	SCI.3-5.N.5.B.3	Students know the benefits of working with a team and sharing findings.
Aircraft Design Problem	NV	SCI.3-5.P.5.B.1	Students know that, when an unbalanced force is applied to an object, the object either speeds up, slows down, or goes in a different direction.
Aircraft Design Problem	NV	SCI.3-5.P.5.B.2	Students know how the strength of a force and mass of an object influence the amount of change in an object's motion.
Future Flight Design			
2005 Science			
Academic Standards			
Nevada Science			
Grades 6-8			
Activity/Lesson	**State**	**Standards**	
Air Transportation Problem	NV	SCI.6-8.N.8.A.5	Students know how to use appropriate technology and laboratory procedures safely for observing, measuring, recording, and analyzing data.
Air Transportation Problem	NV	SCI.6-8.N.8.B.1	Students understand that consequences of technologies can cause resource depletion and environmental degradation, but technology can also increase resource availability, mitigate environmental degradation, and make new resources economical.
Aircraft Design Problem	NV	SCI.6-8.N.8.A.4	Students know how to design and conduct a controlled experiment.
Aircraft Design Problem	NV	SCI.6-8.N.8.B.1	Students understand that consequences of technologies can cause resource depletion and environmental degradation, but technology can also increase resource availability, mitigate environmental degradation, and make new resources economical.
Aircraft Design Problem	NV	SCI.6-8.P.8.B.1	Students know the effects of balanced and unbalanced forces on an object's motion.
Aircraft Design Problem	NV	SCI.6-8.P.8.B.3	Students know every object exerts gravitational force on every other object, and the magnitude of this force depends on the mass of the objects and their distance from one another.